II. *A Catalogue of* Eclipſes, *of* Jupiter's Satellites, *for the Year* 1735. *by* James Hodgſon, *F. R. S. Maſter of the Royal Mathematical School at* Chriſt's-Hoſpital, London.

The Number of Immerſions and Emerſions amounting to 418.

Eclipses *of the firſt Satellite of* Jupiter.

D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
	January.				February.				March.		
	Immerſions.				Immerſions.				Immerſions.		
1	7	7	17	2	3	33	23	2	11	12	43
3	1	35	4	3	22	1	53	4	5	41	38
4	20	2	55	5	16	30	26*	6	0	10	31
6	14	30	48	7	10	59	0	7	18	39	26
8	8	58	43	9	5	27	34	9	13	8	21
10	3	26	40	10	23	56	10	11	7	37	17
11	21	54	39	12	18	24	49*	13	2	6	13
13	16	22	40	14	12	53	31	14	20	35	9
15	10	50	43	16	7	22	14	16	15	4	6*
17	5	18	48	18	1	50	58	18	9	33	2
18	23	46	56	19	20	19	44	20	4	1	57
20	18	15	7*	21	14	48	31	21	22	30	52
22	12	43	20	23	9	17	19	23	16	59	48*
24	7	11	35	25	3	46	10	25	11	28	42
26	1	39	52	26	22	15	0	27	5	57	37
27	20	8	11	28	16	43	53*	29	0	26	29
29	14	36	33					30	18	55	21
31	9	4	57								

April.

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Eclipses *of the first Satellite of* Jupiter.

D.	H.	M.	S.
		April.	
		Immerſions.	
1	13	24	12
3	7	53	3
5	2	21	52
6	20	50	43
8	15	19	32*
10	9	48	18
12	4	17	3
13	22	45	48
15	17	14	33
17	11	43	16
19	6	11	56
21	0	40	34
22	19	9	10
24	13	37	46*
26	8	6	21
28	2	34	54
29	21	3	26
		May.	
		Immerſions.	
1	15	31	57
3	10	0	21
5	4	28	46
6	22	57	10
8	17	25	34
10	11	53	57*
12	6	22	18
14	0	50	37
15	19	18	54
17	13	47	9*
19	8	15	24
21	2	43	39
22	21	11	54
24	15	40	6*
26	10	8	16
28	4	36	26
29	23	4	36
31	17	32	45
		June.	
		Immerſions.	
2	12	0	55*
4	6	29	5
6	0	57	16
7	19	25	25
9	13	53	34*
11	8	21	44
13	2	49	56
14	21	18	6
16	15	46	18*
18	10	14	33
		Emerſions.	
20	6	57	17
22	1	25	34
23	19	53	51
25	14	22	10*
27	8	50	29
29	3	18	50
30	21	47	14
		July.	
		Emerſions.	
2	16	15	40
4	10	44	10*
6	5	12	42
7	23	41	14
9	18	9	48
11	12	38	26*
13	7	7	5
15	1	35	44
16	20	4	25
18	14	33	9*
20	9	1	58
22	3	30	46
23	21	59	38
25	16	28	30
27	10	57	25*
29	5	26	22
30	23	55	22
		August.	
		Emerſions.	
1	18	24	24
3	12	53	28

Eclipses *of the first Satellite of* Jupiter.

D.	H.	M.	S.
5	7	22	33*
7	1	51	39
8	20	20	46
10	14	49	56
12	9	19	9*
14	3	48	25
15	22	17	42
17	16	46	58
19	11	16	14*
21	5	45	33
23	0	14	53
24	18	44	16
26	13	13	39
28	7	43	2*
30	2	12	27
31	20	41	52
September.			
Emerſions.			
2	15	11	16
4	9	40	40*
6	4	10	6
7	22	39	30
9	17	8	56
11	11	38	21
13	6	7	47
15	0	37	13
16	19	6	35
18	13	35	58
20	8	5	22*
22	2	34	42
23	21	4	1
25	15	33	22
27	10	2	40*
29	4	31	57
30	23	1	12
October.			
Emerſions.			
2	17	30	27
4	11	59	36
6	6	28	46*
8	0	57	52
9	19	26	58
11	13	56	0
13	8	25	2*
15	2	54	1
16	21	22	58
18	15	51	50
20	10	20	42
22	4	49	31
23	23	18	19
25	17	47	2
27	12	15	44
29	6	44	20*
31	1	12	56
November.			
Emerſions.			
1	19	41	31
3	14	10	3
5	8	38	31
7	3	6	52
8	21	35	11
10	16	3	30
12	10	31	48
14	5	0	3*
15	23	28	14
17	17	56	24
19	12	24	30
21	6	52	36
23	1	20	39
24	19	48	38
26	14	16	33
28	8	44	26
30	3	12	20
December.			
Emerſions.			
1	21	40	15
3	16	8	6
5	10	35	57
7	5	3	47*
8	23	31	36
10	17	59	23
12	12	27	11
14	6	54	59
16	1	22	46
17	19	50	35
19	14	18	25

Jupiter and the Sun in Conjunction.

Janu-

Eclipses *of the ſecond Satellite of* Jupiter.

D.	H.	M.	S.
		January.	
		Immerſions.	
2	17	27	57
6	6	44	17
9	20	0	40
13	9	17	14
16	22	34	4
20	11	50	59
24	1	8	2
27	14	25	14
31	3	42	36
		February.	
		Immerſions.	
3	17	0	7*
7	6	17	51
10	19	35	38
14	8	53	34
17	22	11	39
21	11	29	48
25	0	48	3
28	14	6	24
		March.	
		Immerſions.	
4	3	24	48
7	16	43	15*
11	6	1	44
14	19	20	15
18	8	38	45
21	21	57	15
25	11	15	44
29	0	34	9
		April.	
		Immerſions.	
1	13	52	33*
5	3	10	53
8	16	29	10*
12	5	47	20
15	19	5	27
19	8	23	29
22	21	41	21
26	10	59	10
30	0	16	56
		May.	
		Immerſions.	
3	13	34	21*
7	2	51	50
10	16	9	15*
14	5	26	34
17	18	43	48
21	8	0	59
24	21	18	4
28	10	35	5*
31	23	52	3
		June.	
		Immerſions.	
4	13	9	4*
8	2	26	1
11	15	43	2*
15	5	0	3
18	18	17	12
		Emerſions.	
22	10	22	30*
25	23	39	51
29	12	57	14*
		July.	
		Emerſions.	
3	2	14	48
6	15	32	36
10	4	50	25
13	18	8	27
17	7	26	32
20	20	44	50
24	10	3	16*
27	23	21	48
31	12	40	30*
		August.	
		Emerſions.	
4	1	59	13
7	15	18	12

ECLIPSES *of the ſecond Satellite of* JUPITER.

D.	H.	M.	S.
11	4	37	15
14	17	56	31
18	7	15	50*
21	20	35	10
25	9	54	40*
28	23	14	13
	SEPTEMBER.		
	Emerſions.		
1	12	33	47
5	1	53	21
8	15	12	56
12	4	32	32
15	17	52	6
19	7	11	39*
22	20	31	4
26	9	50	30*
29	23	9	50
	OCTOBER.		
	Emerſions.		
3	12	29	1
7	1	48	7
10	15	7	1
14	4	25	51
17	17	44	28
21	7	2	57*
24	20	21	16
28	9	39	23
31	22	57	20
	NOVEMBER.		
	Emerſions.		
4	12	15	0
8	1	32	38
11	14	50	4
15	4	7	19
18	17	24	20
22	6	41	17*
25	19	57	58
29	9	14	31
	DECEMBER.		
	Emerſions.		
2	22	31	6
6	11	47	29
10	1	3	51
13	14	20	10
17	3	36	28
20	16	52	50

Jupiter and the Sun in Conjunction.

ECLIPSES *of the third Satellite of* JUPITER.

	JANUARY.		
	Immerſions.		
7	10	42	50
14	14	39	17
21	18	36	23*
28	22	34	3
	Emerſions.		
21	21	35	15
29	1	33	45
	FEBRUARY.		
	Immerſions.		
5	2	32	25
12	6	31	16
19	10	30	42
26	14	30	29
	Emerſions.		
5	5	32	57
12	9	32	38
19	13	32	54
26	17	33	31*
	MARCH.		
	Immerſions.		
5	18	30	45
12	22	31	9
20	2	31	36
27	6	32	1

Emer-

Eclipses *of the third Satellite of* Jupiter.

D.	H.	M.	S.
	Emerſions.		
5	21	34	37
13	1	35	51
20	5	37	6
27	9	38	19
	April.		
	Immerſions.		
3	10	32	9
10	14	32	5*
17	18	31	43
24	22	30	54
	Emerſions.		
3	13	39	15*
10	17	39	59
17	21	40	25
25	1	40	24
	May.		
	Immerſions.		
2	2	29	49
9	6	28	17
16	10	26	22
23	14	24	11*
30	18	21	40
	Emerſions.		
2	5	40	5
9	9	39	19
	June.		
	Immerſions.		
6	22	19	8
14	2	16	38
	Jupiter and the Sun in Oppoſition the 19th Day.		
	Emerſions.		
21	9	29	51*
28	13	28	34*
	July.		
	Emerſions.		
5	17	27	55
12	21	27	51
20	1	28	17
27	5	29	18
	August.		
	Immerſions.		
3	6	11	24
10	10	12	47*
17	14	14	44
24	18	16	57
31	22	19	30
	Emerſions.		
3	9	30	54*
10	13	32	57
17	17	35	34
24	21	38	27
	September.		
	Immerſions.		
8	2	22	13
15	6	24	57*
22	10	27	32*
29	14	29	52
	Emerſions.		
1	1	41	40
8	5	45	3
15	9	48	25*
22	13	51	36
29	17	54	30
	October.		
	Immerſions.		
6	18	31	45
13	22	33	5
21	2	33	46
28	6	33	49*
	Emerſions.		
6	21	56	55
14	1	58	45
21	5	59	56*
28	10	0	29

Eclipses *of the third Satellite of* Jupiter.

D.	H.	M.	S.
		November.	
		Immerſions.	
4	10	33	19
11	14	32	53
		Emerſions.	
4	14	0	29
11	17	59	33
18	21	58	3
26	1	55	50
		December.	
		Immerſions.	
		Emerſions.	
3	5	53	4*
10	9	50	5
17	13	46	53
		Jupiter and the Sun in Conjunction.	

Eclipses *of the fourth Satellite of* Jupiter.

				January.			
		Immerſions.				Emerſions.	
8	2	39	58		8	4	41	4
24	20	32	47		24	22	46	1
				February.			
10	14	28	46		10	16	55	6*
27	8	29	57		27	11	5	25
				March.			
16	2	32	19		16	5	16	59
				April.			
1	20	35	36		1	23	28	58
18	14	37	13*		18	17	39	35
				May.			
5	8	38	5		5	11	47	29*
22	2	36	4		22	5	54	32

Eclipses *of the fourth Satellite of* Jupiter.

D.	H.	M.	S.		D.	H.	M.	S.
				June.				
	Immerſions.					Emerſions.		
7	20	33	55					
				Jupiter and the Sun in Oppoſition.				
				July.				
					11	12	12	25*
28	2	37	51		28	6	23	1
				August.				
13	20	45	43		14	0	36	49
30	14	56	16		30	18	52	56
				September.				
16	9	7	56*		16	13	9	52
				October.				
3	3	18	56		3	7	25	50*
19	21	27	43		20	1	39	17
				November.				
5	15	33	11		5	19	49	1
22	9	35	37		22	13	54	31
				December.				
9	3	34	12		9	7	57	50
				Jupiter and the Sun in Conjunction.				

N. B. *Thoſe marked with a Star, are viſible at* London.

III. *The*